

RYDER SCOTT MANAGEMENT COMPANY

922 EIGHTH STREET

PHONE (817) 723-5313

WICHITA FALLS, TEXAS 76301



NICHOLS ARTESIA PROJECT

MONTHLY PRODUCTION BY WELLS

Date	Humble		Mershon		Powell	Rotary			Vandeventer
	#1	#2A	#1	#2	#1	#4	#5	#6	#1
3/64	39	-0-	1116	404	39	45	248	221	30
4/64	36	-0-	1050	356	36	45	258	180	27
5/64	22	-0-	864	344	31	40	250	177	32
6/64	46	-0-	849	248	30	40	221	168	40
7/64	43	8	850	345	37	40	222	170	32
8/64	42	7	826	325	37	42	224	172	35
9/64	43	23	800	293	30	44	197	120	44
10/64	25	18	800	295	27	44	190	117	232
11/64	40	-0-	650	237	34	39	140	100	443
12/64	79	-0-	700	259	35	60	200	154	562
1/65	69	-0-	613	279	30	52	185	124	673
2/65	61	-0-	600	202	28	42	167	120	677
3/65	64	41	620	180	26	36	184	124	683
4/65	62	23	561	240	29	90	150	100	614
5/65	100	37	558	218	25	93	124	103	564
6/65	45	84	480	241	16	120	74	150	426
7/65	55	123	589	114	29	124	93	94	279
8/65	60	142	558	126	33	95	94	124	136
9/65	62	133	543	120	32	105	95	124	124
10/65	63	209	514	120	32	161	186	186	111
11/65	59	199	512	90	25	374	180	180	94
12/65	53	240	520	108	27	755	180	180	97

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 Simulation

BEFORE EXAMINER UTZ OIL CONSERVATION COMMISSION EXHIBIT NO. <u>2</u> CASE NO. <u>3678</u>
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Ryder Scott Management Company
Nichols Artesia Project
Monthly Production by Wells
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<u>Date</u>	<u>Humble</u>		<u>Mershon</u>		<u>Powell</u>	<u>Rotary</u>			<u>Vandeventer</u>
	<u>#1</u>	<u>#2A</u>	<u>#1</u>	<u>#2</u>	<u>#1</u>	<u>#4</u>	<u>#5</u>	<u>#6</u>	<u>#1</u>
1/66	69	229	465	104	30	814	150	186	85
2/66	50	259	427	84	27	812	140	155	84
3/66	45	323	428	93	28	930	254	155	95
4/66	40	327	392	90	19	900	347	155	85
5/66	43	400	373	93	29	930	409	186	96
6/66	40	522	341	90	13	930	449	180	96
7/66	43	589	344	93	25	1085	132	186	84
8/66	43	640	311	93	26	443	248	186	61
9/66	49	575	295	83	29	546	180	154	53
10/66	23	406	280	69	17	491	246	82	74
11/66	19	884	234	100	27	419	264	157	742
12/66	110	1115	228	93	25	527	310	209	826
1/67	3	1016	234	99	18	902	310	185	495
2/67	53	787	211	95	27	810	183	154	205
3/67	113	1012	232	115	21	663	150	121	157
4/67	91	859	217	93	9	551	124	101	121
5/67	94	1252	231	94	18	495	111	91	135
6/67	69	1412	198	90	21	397	95	60	171
7/67	65	1534	202	94	24	370	96	53	153
8/67	69	1259	175	75	25	347	65	68	74

R. D. COLLIER WELLS

TOTAL PRODUCTION 1/1/67 to 9/1/67

<u>Lease, Well No.</u>	<u>Unit/Sec.</u>	<u>Production</u>
Amerada State #1	C/20	220
Western Yates #1	F/20	212
Western Yates #2	E/20	212

RYDER SCOTT MANAGEMENT COMPANY

NICHOLS ARTESIA PROJECT

CUMULATIVE PRODUCTION BY WELLS

<u>Lease, Well Number</u>	<u>Unit/Sec.</u>	<u>1/1/64</u>	<u>1/1/65</u>	<u>1/1/66</u>	<u>1/1/67</u>	<u>9/1/67</u>
Humble State #1	H/20	7,662	8,136	8,876	9,446	10,003
Humble St. "A" #2	A/20	---	4,307	5,527	11,764	20,895 +
Mershon State #1	E/21	44,892	55,648	62,262	66,360	68,060 +
Mershon State #2	D/21	22,291	26,570	28,598	29,679	30,434 +
Mershon State #3 *	E/21	2,558	2,558	2,558	2,558	2,558
Powell State #1	M/17	9,023	9,426	9,730	10,025	10,188
Rotary State #4	G/20	19,027	19,584	21,247	30,062	34,597-
Rotary State #5	J/20	15,861	18,645	20,168	23,405	24,539-
Rotary State #6	B/29	7,836	9,715	11,860	13,846	14,679
Vandeventer St. #1	B/20	9,000	10,548	15,007	17,383	18,894
R. D. COLLIER WELLS						
Amerada State #1	C/20				19,477	19,697
Western Yates St. #1	F/20				6,675	6,887
Western Yates St. #2	E/20				6,028	6,240

* Mershon #3 converted to injection in June, 1962.

RYDER SCOTT MANAGEMENT COMPANY

NICHOLS ARTESIA PROJECT

WELL DATA

Artesia Pool
Eddy County, N.M.
T 18 S, R 28 E

Lease Name, Well Number Location	Unit/ Sec.	Elev.	Date Completed	Surface Casing	Production Casing	T. D. / PBD	Treatment/Remarks
Humble State #1 1980' FNL & 990' FEL	H/20	3598' GL	2/9/58	8-5/8" @ 500' w/100 sx.	5-1/2" @ 2485' w/175 sx.	2485'	Perf: 2023-31, 2128-32, 2135-42, 2243-57, 2279-86, 2294-97, 2302-06, 2454-60. Frac: (2/58) 50,000 gal. 60,000# (6/63) well acidized and frac'd.
Humble State "A" #2 * 660' FNL & 660' FEL	A/20	3602' GL	11/1/57	8-5/8" @ 645' w/100 sx.	5-1/2" @ 2554' w/130 sx.	2571' / 2554'	Perf: 2030-44, 2144-54, 2208-20, 2306-20. Frac: (11/57) 10,000 gal. & 15,000# in each of the above perforations. (11/66) Perf. 2460-70. Frac: 43,050 gal. & 27,000#.
* Original well record not in our files.							
Merchon State #1 2310' FNL & 990' FWL	E/21	3593' (Est.)	6/2/50	8-5/8" @ 339' w/25 sx.	7" @ 1718'	2172'	OH: 1718-2172 Shot: 120 qt. Nitro, 2145-2170.
Merchon State #2 990' FNL & 990' FWL	D/21	3600' (Est.)	9/21/50	8-5/8" @ 853 w/50 sx.	No Record 4 1/2" 2048'	2548'	OH: 853-2548 Shot: 120 qts. Nitro, 2050-2072
Merchon State #3 2310' FNL & 330' FWL	E/21	3596' GL	11/1/58	8-5/8" @ 520' w/50 sx.	5-1/2" @ 2368' w/100 sx.	2460'	Perf: 2030-50, 2174-90, 2280-2310. Frac: 30,000 gal., 45,000# Converted to injection well in June, 1962.
Rotary State #4 2130' FNL & 1980' FEL	G/20	3594' GL	11/6/57	8-5/8" @ 530'	5-1/2" @ 2445' w/160 sx.	2431'	Perf: 1990-2010, 2090-2120, 2220-60, 2415-25, Frac: (Nov. '57) 35,000 gal., 50,000# Frac: (Oct. '66) 32,280 gal. RediFrac & 24,000#

BEFORE EXAMINER UTZ

OIL COMPANY DIVISION

CASE NO. 3678

#3

RYDER SCOTT MANAGEMENT COMPANY

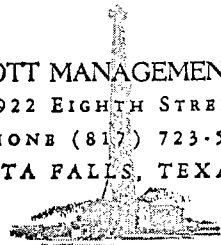
NICHOLS ARTESIA PROJECT

Artesia Pool
Eddy County, N.M.
T 18 S, R 31 E

WELL DATA
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<u>Lease Name, Well Number Location</u>	<u>Unit/ Sec.</u>	<u>Elev.</u>	<u>Date Completed</u>	<u>Surface Casing</u>	<u>Production Casing</u>	<u>T.D./ P.B.T.D.</u>	<u>Treatment/Remarks</u>
Rotary State #5 1980' FSL & 1980' FEL	J/20	3586' GL	1/5/58	8-5/8" @ 530' w/50 sx.	5-1/2" @ 2448' w/160 sx.	2448'	Perf: 1968-88, 2080-2100, 2120-30, 2232-62, 2390-2408. Frac: 40,000 gal., 40,000#.
Rotary State #6 330' FNL & 1650' FEL	B/29	3553' GL	8/6/58	8-5/8" @ 513' w/50 sx.	5-1/2" @ 2276' w/100 sx.	2276'	Perf: 1952-62, 2092-98, 2222-32. Frac: 40,000 gal., 60,000#.
Vandeventer State #1 330' FNL & 1980' FEL	B/20	3603' DF	3/18/49	No Record	7" @ 2374' w/75 sx.	3260'/ 2450'	Perf: 1997-2013, 2115-21, 2236-40, 2272-82 OH: 2374-2450. Frac: 2375-2444 w/10,000 gal. & 13,250#; 1997-2012 w/8,250 gal., 4,125#. Oct. '66-frac'd w/30,000# sand & rock salt & 29,190 gal. RediFrac.
Collier Amerada State #1 660' FNL & 2310' FWL	C/20	3603' GR	10/25/58	8-5/8" @ 515' w/50 sx.	5-1/2" @ 2325' w/100 sx.	2441'/ 2325'	Perf: 2262-80, 2098-2116 Frac: 23,300 gal., 33,600#.
Collier Western Yates St. #1 1650' FNL & 2310' FWL	F/20	3600' GR	4/3/61	8-5/8" @ 543' w/50 sx.	5-1/2" @ 2298' w/100 sx.	2442'	Perf: 1983-87, 1990-95, 2099-2109, 2171-75, 2265-67, 2270-74. Frac: 66,600 gal. water 55,000# sand.
Collier Western Yates St. #2 1650' FNL & 990' FWL	E/20	3600' GR	9/2/61	8-5/8" @ 548' w/50 sx.	5-1/2" @ 2312' w/100 sx.	2312'	Perf: 1970 & 2268 Frac: 34,600 gal. water & 45,000# sand.

RYDER SCOTT MANAGEMENT COMPANY
922 EIGHTH STREET
PHONE (817) 723-5313
WICHITA FALLS, TEXAS 76301



July 6, 1967

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 7
CASE NO. 3678

Re: Nichols-Artesia
Waterflood Project
Eddy County, N. M.

Gentlemen:

Since Ryder Scott Management Company took over the operations of subject water - flood project, considerable work has been done to increase production. This has been accomplished by way of cleaning out and fracturing producing wells and increasing injection in injection wells - both our own and Cima Capitan wells, which offset this project to the north.

Production has increased on several leases considerably and since the project is not unitized, we are prorated in production on each lease. We have set up a hearing with the New Mexico Oil and Gas Conservation Commission for July 26, 1967, to ask for a Buffer Zone allocation or, in other words, unlimited allowables and the ability to transfer allowables from well to well for this whole project.

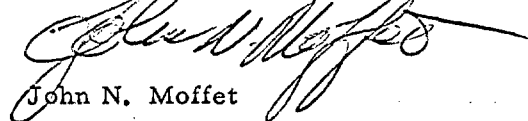
The American Petrofina Company of Texas, who is flooding southeast and adjoining this project, has unlimited allowables and we feel we should be treated in the same manner.

As a Working Interest, Production Payment or Overriding Royalty Owner we ask for your approval on the copy attached and return to this office at the earliest possible date.

We will all gain considerably by the approval of this application. Your immediate attention to this matter will be greatly appreciated.

Yours very truly,

RYDER SCOTT
MANAGEMENT COMPANY


John N. Moffet

APPROVED:
Walter Blood Associates, Inc.
By: M. W. Seapas, President

Date July 7, 1967